

Department of Resources Recycling and Recovery

Alternative Methodology: Glass Cleaning

January 18, 2012

Recap of previous workshop (on November 9, 2011)

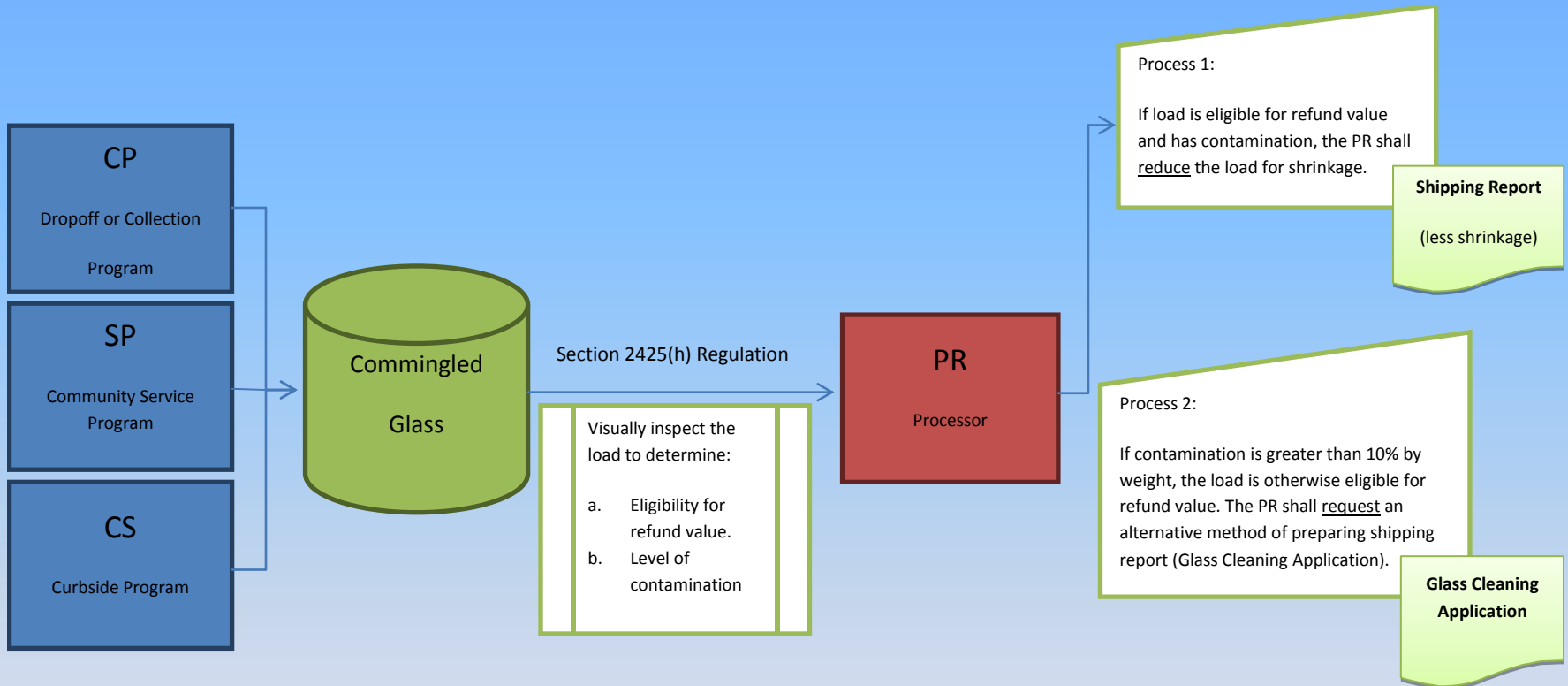
PR Reporting and Cancellation

- **Requirement:** PRs “initially” receiving materials from RC, CS, CP, and SP shall prepare shipping report and cancel materials. The first PR to receive materials is responsible for cancellation. The responsibility to cancel materials by the initial PR is also stated in the shipping report.
- **CCR Section 2425:** “The processor initially receiving material... shall prepare and submit to the Division the report described in this section.”

Glass Cancellation

- **CCR Section 2000(a)(4)(B):** "Glass empty beverage containers shall be deemed cancelled when such containers have been substantially cleaned of non-glass contaminants and they are crushed size in such a manner as to be acceptable without further processing by a willing user.
- **CCR Section 2000(a)(4)(F)(2):** "glass beverage containers are delivered to a location of end use, which includes a beneficiating processor."

Section 2425(h)



Who needs to submit a Glass Cleaning Application?

Today's Workshop

- Definition of "End User"
- Definition of "Beneficiating Processor"
- Discuss ASTM Standard
- Definition of "crushed glass"
- Definition of "fines"
- Definition of "residual"
- Other alternatives to glass usage?
- Feedback/Suggestions

What is considered “location of end use”?

- ✓ End User
- ✓ Beneficiating Processor
(for glass materials only)

Location of End Use

CCR Section 2000(a)(29): “‘Location of End Use’ means the place where beverage containers or materials are physically reconstituted for purposes other than sorting, shredding, stripping, compressing, storing, landfilling, disposing, or other activities which do not result in recycling.”

Beneficiating Processor

CCR Section 2000(a)(3.1):

“Beneficiating Processor’ means any processor certified by the department who sells cullet to another certified processor or to a glass container manufacturer during the three months preceding the month in which scrap value data is reported to the Division and who beneficiates purchased cullet so that the cullet either:

- (A) meets the American Society for Testing and Materials (ASTM) standard specification for waste glass as a raw material for the manufacture of glass containers; or
- (B) is free from nonglass contaminants and non-container glass compositions, cleansed, crushed to size, free-flowing with minimum water content, absent of hazardous material residue and passes furnace ready sampling and testing methods of a purchasing glass container manufacturer.

(C) Notwithstanding the other provisions of this section, any certified processor shall not be considered a beneficiating processor if fifty percent (50%) or more of the cullet purchased by that processor during the survey month in which the scrap value data is reported was purchased as beneficiated cullet.

**Is the “ASTM standard” a
reasonable requirement to
cancel glass?**

- **What is considered “crushed glass”?**

See CCR Section 2000(a)(4)(B) - a manner as to be acceptable without further processing by a willing user.

- **What is the definition of “fines”?**

What is “residual”?

Is Landfill a location of end use?

- Landfilling, burning, etc. is not considered a proper form of end use.

CCR Section 2410 states: “For purposes of this section, disposal shall include burning, landfilling, or any other method of handling or processing material that is not consistent with recycling”

- Can ADC or Road Base usage of glass materials at a landfill site be considered a proper form of end use?

ADC or Road Base

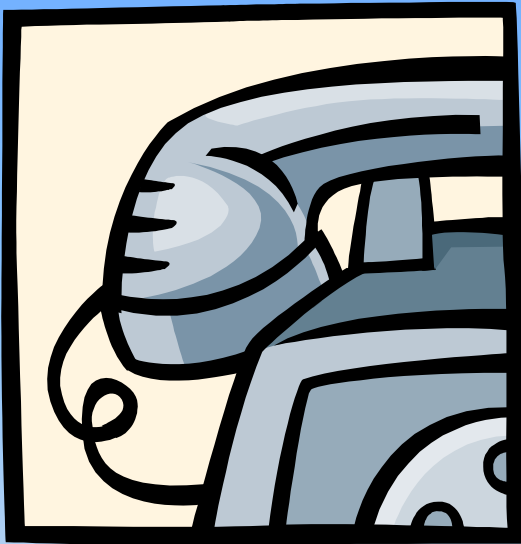
1. Can glass materials used as ADC or Road Base have more than 10% contamination?
2. How does the industry determine how much of the “claimed” load is landfilled? And how much of it is used as ADC or Road Base? In such a case, what documents does a Processor have to support CRV?

**Are there other glass “end use”
recognized by the industry besides
what is currently acceptable?**

Does the current system work?

**If it does not, how can we
improve the system?**

Contact information



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